IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-4 (canceled).

5. (currently amended) ~~The~~ A computer resource allocating method ~~according to claim 4~~, for allocating servers to each user in a computer system having a plurality of servers interconnected by a Local Area Network (LAN), connected externally to the Internet, connected to a storage and a storage network, and processing a request of a plurality of users, comprising:

configuring, for each user, a VLAN related to connection to servers allocated to the user and connection between the servers;

monitoring a load of each of the servers;

when making an allocation change of said servers of said user according to the monitoring result of said load, making a dynamic change of the VLAN of the user who changes allocation so that a computer allocated to each user is always included into the VLAN of the user;

configuring a VPN connecting the exit of a user and the entry of said computer system via a carrier on said Internet to each user;

monitoring at least a network load of the VPN configured for each user at the entry of said computer system;

making a change of the VPN configuration so as to change a network bandwidth according to the monitoring result of said load;

configuring zoning for each user by said storage network;

making an allocation of a storage access bandwidth resource to each user;

dynamically changing the storage network bandwidth and LUN access priority according to a load of the storage network of each user; and

wherein when a load to the network and server with respect to the resource divided to a user is increased, a change is made in the order of the resource allocation of the storage network part, the VLAN part configuration and the VPN part configuration.

6. (currently amended) ~~The~~ A computer resource allocating method ~~according to claim 4~~, for allocating servers to each user in a computer system having a plurality of servers interconnected by a local network, connected externally to the Internet, connected to a storage and a storage network, and processing a request of a plurality of users, comprising:

configuring, for each user, a VLAN related to connection to servers allocated to the user and connection between the servers;

monitoring a load of each of the servers;

when making an allocation change of said servers of said user according to the monitoring result of said load, making a dynamic change of the VLAN of the user who changes allocation so that a computer allocated to each user is always included into the VLAN of the user;

configuring a VPN connecting the exit of a user and the entry of said computer system via a carrier on said Internet to each user;

monitoring at least a network load of the VPN configured for each user at the entry of said computer system;

making a change of the VPN configuration so as to change a network bandwidth according to the monitoring result of said load;

configuring zoning for each user by said storage network;

making an allocation of a storage access bandwidth resource to each user;

dynamically changing the storage network bandwidth and LUN access priority according to a load of the storage network of each user; and

wherein when a load to the network and server with respect to the resource divided to a user is decreased, a change is made in the order of the VPN part configuration, the VLAN part configuration, and the resource allocation of the storage network part.

7. (currently amended) ~~The~~ A computer resource allocating method ~~according to claim 1~~, for allocating servers to each user in a computer system having a plurality of servers interconnected by a local network, connected externally to the Internet, connected to a storage and a storage network, and processing a request of a plurality of users, comprising:

configuring, for each user, a VLAN related to connection to servers allocated to the user and connection between the servers;

monitoring a load of each of the servers;

when making an allocation change of said servers of said user according to the monitoring result of said load, making a dynamic change of the VLAN of the user

who changes allocation so that a computer allocated to each user is always included into the VLAN of the user; and

wherein when making a server allocation change to a user in the case of increasing a load of the server with respect to the resource divided to the user, a server allocating process to the user is performed, and thereafter, a VLAN part changing process is performed stepwise in the order of the switch on the storage side and the switch of the entry of the servers.

Claims 8 and 9 (canceled).

10. (currently amended) The computer resource allocating method according to claim ~~3~~ 5, wherein ~~when making a network bandwidth additional allocation change to a certain user in the case of increasing a network load of the Internet with respect to the user,~~ ~~a~~ the change of the VPN part configuration is made in the order of the entry of said computer system, the carrier and the user.

11. (currently amended) The computer resource allocating method according to claim ~~3~~ 6, wherein ~~when making a network bandwidth reduction change to a certain user in the case of increasing a network load of the Internet with respect to the user,~~ ~~a~~ the change of the VPN part configuration is made in the order of the user, the carrier and the entry of said computer system.

12. (currently amended) The computer resource allocating method according to claim 4 5, wherein ~~when said storage network load is increased, a~~ the change of the storage network configuration is made in the order of the LUN access priority and the storage network bandwidth.

13. (currently amended) The computer resource allocating method according to claim [4] 6, wherein ~~when said storage network load is decreased, a~~ the change of the storage network configuration is made stepwise in the order of the storage network bandwidth and the LUN access priority.

Claims 14-20 (canceled).